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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 7

**Complete if Known**

Application Number	10/509,055
Filing Date	09-24-04
First Named Inventor	Hiroaki Sagawa
Art Unit	1644
Examiner Name	A. JUEDES
Attorney Docket Number	1422-0644PUS1

**U.S. PATENT DOCUMENTS**

Examiner Initial *	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup> (if known)			
	1	US-2004/115809 - A1	06-17-2004	Sagawa et al.	
	2	US-2005/227354 - A1	10-13-2005	Sagawa et al.	
	3	US-2006/166924 - A1	07-27-2006	Kato et al.	
	4	US-2006/245587 - A1	11-02-2006	June et al.	
	5	US-2008/227204 - A1	09-18-2008	Sagawa et al.	
	6	US-5,102,988 - A	04-07-1992	Kimizuka et al.	
	7	US-5,198,423 - A	03-30-1993	Taguchi et al.	
	8	US-5,354,686 - A	10-14-1994	Haberman	
	9	US-5,827,842 - A	10-27-1998	Riddell et al.	
	10	US-5,888,115 - A	02-02-1999	Kanz et al.	
	11	US-6,318,257 - B1	11-13-2001	Flyer et al.	
	12	US-6,692,964 - B1	02-17-2004	June et al.	
	13	US-6,734,014 - B1	05-11-2004	Hwu et al.	
	14	US-6,821,778 - B1	11-23-2004	Engleman et al.	
	15	US-7,067,318 - B2	06-27-2006	June et al.	
	16	US-7,172,869 - B2	02-06-2007	June et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial *	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country <sup>3</sup> Code	Number <sup>4</sup> Kind Code (if known) <sup>5</sup>				
	17	WO	00/56368 - A1	09-28-2000			<input type="checkbox"/>
	18	WO	02/14481 - A1	02-21-2002			<input type="checkbox"/>
	19	WO	03/080817 - A1	10-02-2003			<input type="checkbox"/>
	20	EP	0523948 - A2	01-20-1993			<input type="checkbox"/>
	21	EP	0795506 - A1	09-17-1997			<input type="checkbox"/>
	22	EP	1496109 - A1	01-12-2005			<input type="checkbox"/>
	23	JP	2003-80817 - A	03-19-2003			<input type="checkbox"/>
	24	WO	88/02774 - A1	04-21-1988			<input type="checkbox"/>
	25	JP	9-25299 - A	01-28-1997			<input type="checkbox"/>
	26	WO	95/28479 - A1	10-26-1995			<input type="checkbox"/>

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 3 of 7

**Complete if Known**

Application Number	10/509,055
Filing Date	09-24-04
First Named Inventor	Hiroaki Sagawa
Group Art Unit	1644
Examiner Name	A. JUEDES
Attorney Docket Number	1422-0644PUS1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	29	"Animal Cell Culture", Freshney, Ed. 1986, IRL Press, Oxford, Washington, DC, Sections 2.1, 3.2-2.3.2.6, 5, 6.1-6.3, 3.1-3.4	<input type="checkbox"/>
	30	"Animal Cell Culture: A Practical Approach", Edited by R. I. Freshney, IRL Press, Oxford, Washington, DC, 1986, pp. 26-41	<input type="checkbox"/>
	31	AZUMA et al., "Functional Expression of B7/BB1 on Activated T Lymphocytes", J. Exp. Med., Vol. 177, March 1993, pp. 845-850	<input type="checkbox"/>
	32	BLUE et al., "Enhancement of CD2-Mediated T Cell Activation by the Interaction of VLA-4 with Fibronectin", Cellular Immunology, Vol. 138, 1991, pp. 238-244	<input type="checkbox"/>
	33	BPAI Decision on Appeal for Application No. 10/344,534, dated May 28, 2010	<input type="checkbox"/>
	34	del POZO et al., "Chemokines Regulate Cellular Polarization and Adhesion Receptor Redistribution During Lymphocyte Interaction with Endothelium and Extracellular Matrix, Involvement of cAMP Signaling Pathway", The Journal of Cell Biology, Vol. 131, No. 2, October 1995, pp. 495-508	<input type="checkbox"/>
	35	Examiner Interview Summary for US Application No. 10/344,534, dated February 5, 2008	<input type="checkbox"/>
	36	Extended European Search Report, Application No. EP 09004189.8-1222/2070542, December 8, 2009, 6 pages	<input type="checkbox"/>
	37	FUNARO et al., "Stimulation of T Cells via CD44 Requires Leukocyte-Function-Associated Antigen Interactions and Interleukin-2 Production, Human Immunology, Vol. 40, No. 4, August 1994, pp. 267-278	<input type="checkbox"/>
	38	JOHNSON et al., "Expression and Function of Insulin-Like Growth Factor Receptors on Anti-CD3-Activated Human T Lymphocytes", Journal of Immunology, Vol. 148, No. 1, January 1, 1992, pp. 63-71	<input type="checkbox"/>
	39	KANTO et al., "Neutralization of Transforming Growth Factor $\beta$ -1 Augments Hepatitis C Virus-Specific Cytotoxic T Lymphocyte Induction In Vitro", Journal of Clinical Immunology, Vol. 17, No. 6, 1997, pp. 462-471	<input type="checkbox"/>

Examiner  
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 4 of 7

**Complete if Known**

Application Number	10/509,055
Filing Date	09-24-04
First Named Inventor	Hiroaki Sagawa
Group Art Unit	1644
Examiner Name	A. JUEDES
Attorney Docket Number	1422-0644PUS1

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	40	LAMERS et al., "Protocol for Gene Transduction and Expansion of Human T Lymphocytes for Clinical Immunogene Therapy of Cancer", Cancer Gene Therapy, Vol. 9, 2002, pp. 613-623	<input type="checkbox"/>
	41	LEHNERT et al., Eur. J. Immunol., Vol. 28, 1998, pp. 3605-3615	<input type="checkbox"/>
	42	Ochoa et al., "Lymphokine-Activated Killer Activity in Long-Term Cultures with Anti-CD3 Plus Interleukin 2: Identification and Isolation of Effector Subsets", Cancer Research, Vol. 49, February 15, 1989, pp. 963-968	<input type="checkbox"/>
	43	Partial European Search Report, Application No. 09004189.8-1222/2070542, August 3, 2009, 3 pages	<input type="checkbox"/>
	44	TAMURA et al., "Expression and Function of c-Met, a Receptor for Hepatocyte Growth Factor, During T-Cell Development", Scandinavian Journal of Immunology, 1998, Vol. 47, pp. 296-301	<input type="checkbox"/>
	45	US Advisory Action for Application No. 10/344,534, dated January 18, 2008	<input type="checkbox"/>
	46	US Advisory Action for Application No. 10/344,534, dated September 24, 2007	<input type="checkbox"/>
	47	US Advisory Action for Application No. 11/790,025, dated April 2, 2010	<input type="checkbox"/>
	48	US Communication for Application 10/344534, dated July 23, 2009	<input type="checkbox"/>
	49	US Examiner's Interview Summary for Application No. 10/344,534, June 4, 2008	<input type="checkbox"/>
	50	US final Office Action for Application No. 10/344,534, dated March 28, 2006	<input type="checkbox"/>

Examiner  
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Considered

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Substitute for form 1449B/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 7

## Complete if Known

Application Number 10/509,055  
Filing Date 09-24-04  
First Named Inventor Hiroaki Sagawa  
Group Art Unit 1644  
Examiner Name A. JUEDES  
Attorney Docket Number 1422-0644PUS1

## NON PATENT LITERATURE DOCUMENTS

Examiner Initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	51	US final Office Action for Application No. 10/344,534, dated May 16, 2007	<input type="checkbox"/>
	52	US final Office Action for Application No. 10/486,512, dated April 19, 2010	<input type="checkbox"/>
	53	US final Office Action for Application No. 10/486,512, dated February 23, 2007	<input type="checkbox"/>
	54	US final Office Action for Application No. 10/486,512, dated January 5, 2009	<input type="checkbox"/>
	55	US final Office Action for Application No. 10/486,512, dated June 23, 2009	<input type="checkbox"/>
	56	US final Office Action for Application No. 10/486,512, dated May 30, 2008	<input type="checkbox"/>
	57	US final Office Action for Application No. 10/568,745, dated July 12, 2010	<input type="checkbox"/>
	58	US final Office Action for Application No. 11/790,025, dated December 18, 2009	<input type="checkbox"/>
	59	US final Office Action for Application No. 11/831,423, dated March 18, 2010	<input type="checkbox"/>
	60	US final Office Action for Application No. 11/831,423, dated November 4, 2009	<input type="checkbox"/>
	61	US Interview Summary for Application No. 10/344,534, dated March 19, 2007	<input type="checkbox"/>

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Substitute for form 1449B/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/509,055	
			Filing Date	09-24-04	
			First Named Inventor	Hiroaki Sagawa	
			Group Art Unit	1644	
			Examiner Name	A. JUEDES	
			Attorney Docket Number	1422-0644PUS1	
Sheet	6	of	7		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initial *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	62	US Interview Summary for Application No. 10/486,512, dated August 2, 2007	<input type="checkbox"/>
	63	US Interview Summary for Application No. 11/831,423, dated June 7, 2010	<input type="checkbox"/>
	64	US non-final Office Action for Application No. 10,568,745, dated November 27, 2009	<input type="checkbox"/>
	65	US non-final Office Action for Application No. 10/344,534, dated October 11, 2005	<input type="checkbox"/>
	66	US non-final Office Action for Application No. 10/344,534, dated September 25, 2006	<input type="checkbox"/>
	67	US non-final Office Action for Application No. 10/486,512, dated April 24, 2006	<input type="checkbox"/>
	68	US non-final Office Action for Application No. 10/486,512, dated July 25, 2006	<input type="checkbox"/>
	69	US non-final Office Action for Application No. 10/486,512, dated October 10, 2007	<input type="checkbox"/>
	70	US non-final Office Action for Application No. 10/486,512, dated September 30, 2009	<input type="checkbox"/>
	71	US non-final Office Action for Application No. 10/568,745, dated July 9, 2009	<input type="checkbox"/>
	72	US non-final Office Action for Application No. 11/790,025, dated January 5, 2009	<input type="checkbox"/>

Examiner Signature	Date Considered
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<b>Application Number</b>	10/509,055
<b>Filing Date</b>	09-24-04
<b>First Named Inventor</b>	Hiroaki Sagawa
<b>Group Art Unit</b>	1644
<b>Examiner Name</b>	A. JUEDES
<b>Attorney Docket Number</b>	1422-0644PUS1

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